

Pre-dampener Pumps

Pumps designed to meet your needs



A **Putzmeister** COMPANY

- Refractory
- Underground
- Civil



PD-1 CONTINUOUS PRE-DAMPENER



PD1-GRH GUNNING RIG



R-900 BATCH PRE-DAMPENER

- Dry-process shotcrete pumps
- For use with packaged, pre-blended materials
- Promotes proper hydration of gunning materials
- Ensures minimal rebound

PRE-DAMPENER
PUMPS

Pre-dampener Pumps

PD-1 CONTINUOUS PRE-DAMPENER



The PD-1 Pre-dampener is designed to allow the addition of a controlled amount of moisture to bagged material as it is transported and fed into the gun. Pre-dampening eliminates static electricity while greatly reducing dust and rebound. Gun part wear is also significantly minimized. Most importantly, pre-dampening produces the highest quality of in-place material.

OPTIONS:

- Air motor
- Hydraulic motor
- Trailer mounting

PD-1/GRH GUNNING RIG



The PD-1/GRH Gunning Rig combines the proven success of the GRH rotor gun with our most popular pre-dampener. This machine provides the opportunity to add a controlled amount of moisture to the bagged material as it's transported and fed into the gun. The addition of moisture – as much as 60 percent of the total water required – and the mixing action of the auger, starts the hydration process long before the material reaches the nozzle. A standard water-cooled diesel engine provides powerful performance. Trailer mounting includes single torq-flex axle, electric brakes and lights and a pintle towing hitch.

OPTIONS:

- Air motor
- Hydraulic motor
- Four-way forklift frame
- 100' (30m) extension for remote pendant

R-900 BATCH PRE-DAMPENER



The R-900 Batch Pre-dampener is designed for high-volume dry-process gunning in Refractory or Civil work. This machine is ideal for use with the N-Type Pneumatic Gun, but will also feed any other Allentown rotary gun. The ease of operation and maintenance of the R-900 makes this a popular choice for Allentown customers.

OPTIONS:

- Wisconsin VH4D air-cooled gasoline engine with clutch
- Pre-dampener spray bar with water meter
- Hose reel

Refractory

Underground

Civil

Specifications

Performance	PD-1	PD-1/GRH	R-900
Max volume output*	1-10 yd ³ /hr (0.76-7.6m ³ /hr)	1-6 yd ³ /hr (0.76-4.6m ³ /hr)	8-10 tons/hr (7-9 tonnes/hr)
Technical Information			
Process Type	Dry	Dry	Dry
Power	5 hp (4kW) 3/60/230/460 electric motor	26 hp (19kW) water-cooled diesel engine	35 hp (26kW) water-cooled diesel engine
Standard Mounting	Skid	Single-axle trailer	Tandem-axle trailer
Dimensions			
Length	106" (2,692mm)	168" (4,267mm)	204" (5,182mm)
Width	56" (1,422mm)	86" (2,184mm)	94" (2,426mm)
Height	72" (1,829mm)	78" (1,981mm)	126" (3,200mm)
Weight (approx)	1,400 lbs (635kg)	3,200 lbs (1,452kg)	4,700 lbs (2,132kg)**

*Based on rotor and speed, material, conveying distance and air available. Maximum attainable volume depends on concrete mix design, pipeline diameter and specific job site conditions. Specifications subject to change without prior notice. Weights vary with options selected. Photos for illustrative purposes only. Refer to Allentown operational manuals for safe and proper equipment operation. **Without gun.

For additional available options, please contact the factory.



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